

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

JAN 20 2004

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PTO 5015

PATENT & TRADEMARK OFFICE

Complete if Known

Application Number	10/009,134
Filing Date	October 20, 2002
First Named Inventor	C. Satishchandran
Group Art Unit	1635
Examiner Name	Not Yet Assigned
Attorney Docket Number	AM100013

Sheet

1

of

1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (If known)	Kind Code (If Known)			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (If Known)				
KC	2.	WO	03/006477 A1		University of Massachusetts	01-23-2003		<input type="checkbox"/>

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T
		3.				

Examiner Signature

Date Considered

11/08/05

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Sheet 1 of 2

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U.S. PATENT DOCUMENTS

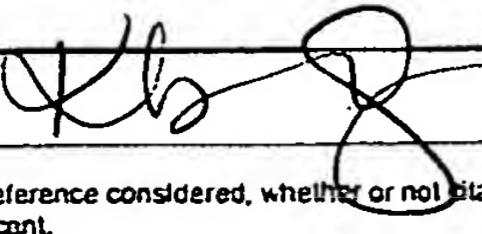
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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RL	1.	US4891315A		Watson, et al.	01-02-1990	

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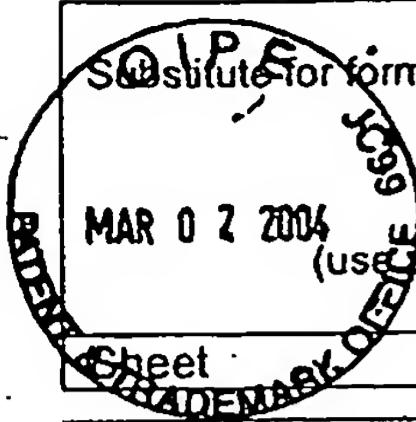
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RL	2.	WO	95/27783A		Joshi-Sukhwal, Sadna	10-19-1995		<input type="checkbox"/>
	3.	WO	97/34638A		The Regents of the University of California	09-25-1997		<input type="checkbox"/>
	4.	WO	97/07825A		The Regents of the University of Colorado	06-03-1997		<input type="checkbox"/>
	5.	WO	98/05770A		Werner, Dieter, et al.	12-02-1998		<input type="checkbox"/>
	6.	WO	99/53050A		Commonwealth Scientific and Industrial Research Organization	10-21-1999		<input type="checkbox"/>
✓	7.	WO	00/44914A		Medical College of Georgia Research Institute, Inc.	03-08-2000		<input type="checkbox"/>

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RL	8.	JAEGER, J.A., ET AL; "Improved Predictions of Secondary Structures for RNA"; Proceedings of the National Academy of Sciences of the United States; Vol. 86, No. 20; Pgs. 7706-7710; 1989.		<input type="checkbox"/>
	9.	NELLEN, W., ET AL.; "What Makes an mRNA Anti-Sense-itive?"; TIBS Trends in Biochemical Sciences; Vol. 18, No. 11; Pgs. 419-423; November 1, 1993.		<input type="checkbox"/>
	10.	MIKITA, T., ET AL; "Effects of Arabinosylcytosine-Substituted DNA on DNA/RNA Hybrid Stability and Transcription by T7 RNA Polymerase"; Biochemistry; Vol. 33; Pgs. 9195-9208; 1994.		<input type="checkbox"/>
	11.	YUKIKO, TONE, ET AL.; "Structure and Chromosomal Location of the Mouse Interleukin-12 P35 and P40 Subunit Genes", European Journal of Immunology; Vol. 26, No. 6; Pgs. 1222-1227; June 1, 1996		<input type="checkbox"/>
	12.	PLAYER, MARK, R., ET AL.; "Targeting HIV mRNA for Degradation: 2,5-A Antisense Chimeras as Potential Chemotherapeutic Agents for AIDS"; Nucleosides & Nucleotides; Vol. 16, No. 7-9; Pgs. 1221-1222; July, 1997.		<input type="checkbox"/>
	13.	JORGENSEN, RICHARD A., ET AL; "An RNA-Based Information Superhighway in Plants"; Science Magazine, Vol. 279; Pgs. 1486-1487; 1998.		<input type="checkbox"/>
	14.	MONTGOMERY, M.K., ET AL.; "Double-Stranded RNA as a Mediator in Sequence-Specific Genetic Silencing and Co-Suppression"; Trends in Genetics; Vol 14, No. 7; Pgs. 255-258; July 1, 1998.		<input type="checkbox"/>
	15.	WATERHOUSE, ET AL.; "Virus Resistance and Gene Silencing in Plants can be Induced by Simultaneous Expression of Sense and Antisense RNA"; Proceedings of the National Academy of Sciences of USA, National Academy of Science; Vol. 95; Pgs. 13959-13964; November, 1998.		<input type="checkbox"/>
	16.	TIMMONS, L. AND FIRE, A.; 'Specific Interference by Ingested dsRNA"; Nature; Vol. 395; Pg. 854; October 29, 1998.		<input type="checkbox"/>
	17.	FIRE, A., ET AL.; "Potent and Specific Genetic Interference by Double-Stranded RNA in Caenorhabditis Elegans"; Nature; Vol. 391; Pgs. 806-810; February 19, 1998.		<input type="checkbox"/>
✓	18.	BAHRAMIAN, MOHAMMAD B. AND ZARBL, H.; "Transcriptional and Posttranscriptional Silencing of Rodent α 1(I) Collagen by a Homologous Transcriptionally Self-Silenced Transgene"; Molecular and Cellular Biology; Vol. 19, No. 1; Pgs. 274-283; January 1999.		<input type="checkbox"/>

Examiner Signature		Date Considered	11/08/05
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Sheet

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Application Number	10/009,134
Filing Date	10/20/2002
First Named Inventor	C. Satishchandran
Group Art Unit	1635
Examiner Name	
Attorney Docket Number	AM100013

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
KC	19.	WIANNY, F. AND ZERNICKA-GOETZ, M.; "Specific Interference with Gene Function by Double-Stranded RNA in Early Mouse Development"; Nature Cell Biology; Vol. 2, No. 2; Pgs. 70-75; February, 2000.	<input type="checkbox"/>
	20.	PARK WEE-SUNG, ET AL.; "Inhibition of HIV-1 Replication by a New Type of Circular Dumbbell RNA/DNA Chimeric Oligonucleotides", Biochemical and Biophysical Research Communications; Vol. 270, No. 3; Pgs. 953-960; April 21, 2000.	<input type="checkbox"/>
	21.	CAPLEN, N.J., ET AL.; "dsRNA-Mediated Gene Silencing in Cultured Drosophila Cells: A Tissue Culture Model for the Analysis of RNA Interference"; Vol. 252, No. 1-2; Pgs. 95-105; July 11, 2000.	<input type="checkbox"/>

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		Number (If known)	Kind Code (If Known)			
KC	1.	5,631,146		Szostak, et al.	05-20-1997	
↓	2.	6,022,863		Peyman, John A.	02-08-2000	
↓	3.	2001/0008771A1		Seibel, et al.	07-19-2001	

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	4.							<input type="checkbox"/>

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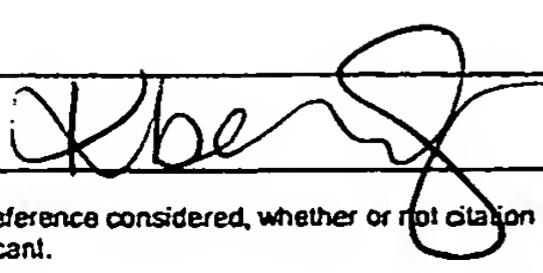
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TRADEMAK C183

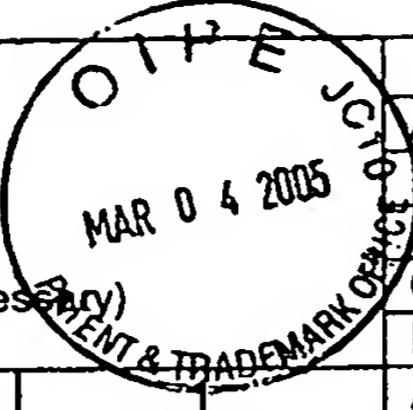
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KC	1.	EP	0983,370	B1	Syngenta Limited	09-17-2003	<input type="checkbox"/>

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	2.						<input type="checkbox"/>

Examiner Signature		Date Considered	4/08/05
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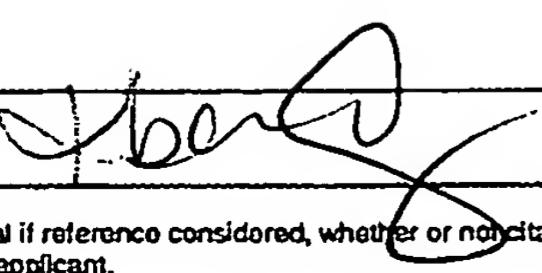
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U	2.	5,631,148		Urdea	05-20-1997

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U	4.	WO	95/15378		Von Hofe, et al.	06-08-1995	<input type="checkbox"/>
U	5.	WO	97/11170		Zamecnik	03-27-1997	<input type="checkbox"/>

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